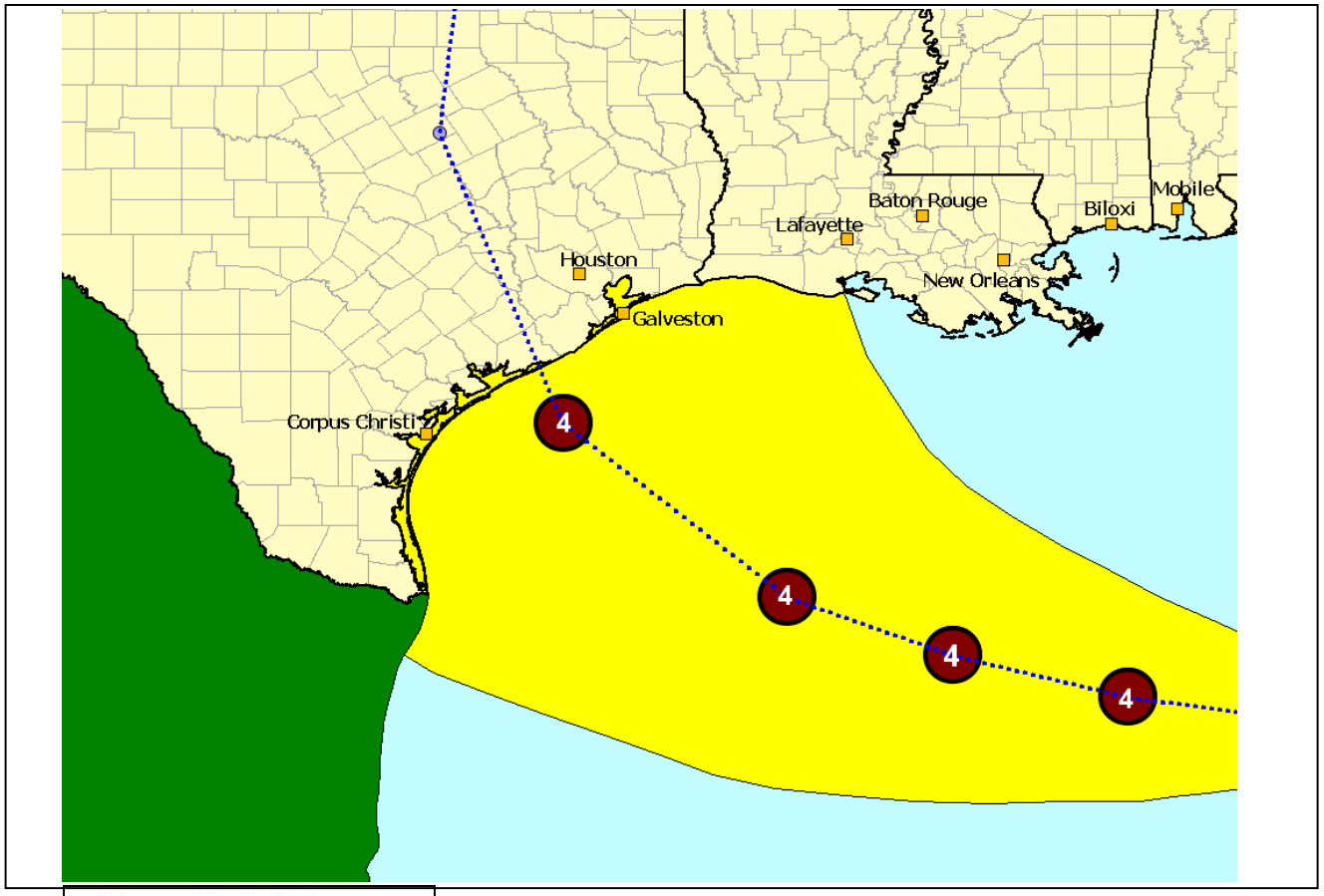
Hurricane Rita Model Results

Landfall Expected Within About *72* Hours

For Official Use Only!



Information provided on the following page displays the **most probable hurricane track** based on information from the **National Hurricane Center (NHC)**. These projections are based on information from the NHC (0500 – 09/21/2005) forecast and modeled for a **CAT 4** storm.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

- Tropical Storm
- 1 Category 1 Hurricane
- 2 Category 2 Hurricane
- 3 Category 3 Hurricane
- 4 Category 4 Hurricane

NHC Forecast Track

Probable Landfall Zone

US Army Corps of Engineers

Hurricane Rita 3-Day Model

Generated By: Paul Deatrick
Generated Date: 0700 EDT 09/21/2005

Sources:
HURREVAC
LRL-DEBRIS

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Values Provided For Planning Purposes

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	Debris	Ice/Water Commodities - Trucks/Distribution Lanes Ramp-up (Number of Trucks Each Commodity and Lanes Anticipated - end of each day)					
						Within Hurricane Force Winds	
	Debris (cu yds)	Day One (25%)*	Day Two (50%)*	Day Three (100%)*	Commodity Trucks Day 1-3 Total	Population	Households
NHC Track - 0500 21Sept							
Texas	2,159,000	8	16	33	57	408,000	138,000
Total	**2,159,000**	**8**	**16**	**35**	**57**	**408,000**	**138,000**
Galveston-Houston Worst-Case Track							
Texas	40,343,000	63	126	252	441	3,147,000	1,122,000
Total	**40,343,000**	**63**	**126**	**252**	**441**	**3,147,000**	**1,122,000**
Corpus Christi Worst-Case Track							
Texas	5,149,000	11	21	42	74	521,000	182,000
Total	**5,149,000**	**11**	**21**	**42**	**74**	**521,000**	**182,000**
Mobile Worst-Case Track							
Alabama	18,116,000	14	27	54	95	675,000	251,000
Florida	105,000	4	4	4	12	47,000	14,000
Mississippi	385,000	2	4	8	14	99,000	36,000
Total	**18,606,000**	**20**	**35**	**66**	**121**	**821,000**	**301,000**
Biloxi Worst-Case Track							
Mississippi	8,707,000	13	26	52	91	637,000	264,000
Alabama	1,128,000	7	14	28	49	350,000	132,000
Total	**9,835,000**	**20**	**40**	**80**	**140**	**987,000**	**396,000**
New Orleans Worst-Case Track							
Louisiana	18,525,000	28	56	112	196	1,408,000	630,000
Mississippi	510,000	3	5	10	18	129,000	48,000
Total	**19,035,000**	**31**	**61**	**122**	**214**	**1,537,000**	**678,000**

Key assumption is that establishment of distribution lanes will be the limiting factor.

* Assumption is that States/locals (FL is the * exception) will have the capability to establish about 25% of needed distribution lanes in the first 24 hours post-landfall, about 50% of needed distribution lanes in the first 48 hours after landfall, and all needed lanes by 72 hours post landfall. Florida, due to past experience, estimates they can establish up to 50 distribution lanes per day.

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